Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Tuesday 22 Sep 2020 until 23:59 on Wednesday 23 Sep 2020

Forecast Issued on Monday 21 Sep 2020 at 14:12

Confidence: High confidence for a transition to more unsettled and much cooler weather from Tuesday onwards. Moderate confidence for extent of low cloud and hill fog on Tuesday.

Headline for Tuesday 22 Sep 2020: A cloudy and murky start. Brighter for a time, but rain arriving later with strengthening winds.

Mountain weather hazards on Tuesday 22 Sep 2020

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m

Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
FOG	FOG	FOG					
Fog	Fog	Fog	Cloudy	Cloudy	Light rain	Light rain	Heavy Rain
Precipitation probability							
20%	20%	20%	<05%	<05%	40%	40%	90%

Forecast for Tuesday 22 Sep 2020

Weather: Low cloud shrouding hills overnight, especially in the west and perhaps with the odd outbreak of light drizzle. Some clear spells in the east at times where turning rather chilly. Sunny spells in the morning should become rather widespread, but low cloud continues to affect hills in the west of the park. Turning more generally cloudy through the afternoon with winds becoming strong across most parts. Intermittent periods of rain or drizzle are likely, again, generally on hills, during the late afternoon and early evening. Rain will turn more persistent and widespread by late evening.

Chance of cloud free mountain/hill tops above 600m: 30% at first, becoming 10% during the early hours with persistent, extensive cloud above 600m and occasional cloud down to around 400m at times, making navigation difficult. Becoming 90% by midday with cloud gradually lifting and breaking through the morning. Lowering to 30% during the afternoon and similar during the evening with occasional patches of cloud to approximately 500m.

Visibility: No navigational difficulties expected outside of cloud for much of the day due to the weather with good air clarity. Visibility decreasing in the rain later with only nearby hills visible. Persistent and extensive cloud cover on hills, mainly above 600m, will make navigation very tricky overnight, during the morning and through the evening.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Tuesday 22 Sep 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/20 SW	14/19 SW	13/17 SW	18/24 S	21/30 SW	21/30 SW	21/31 SW	19/29 SW	15/22 W
300	5/13 W	4/12 SW	3/10 S	7/15 S	13/27 SW	13/27 SW	13/29 SW	12/26 SW	10/22 W
Valley	2/10 SW	2/10 SW	2/9 S	4/13 SW	10/23 SW	11/24 SW	11/26 SW	10/23 SW	9/20 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/6	9/6	10/7	11/8	13/9	12/8	11/7	10/7	9/6
300	10/10	11/10	10/10	13/12	15/13	14/11	12/10	12/10	11/10
Valley	11/11	11/11	11/11	14/14	16/14	14/13	14/12	14/12	12/11
Freezing Level*	2800m	2900m	2900m	2800m	2900m	2900m	2800m	2400m	2400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Any brighter periods, particularly in the east through the late morning and early afternoon will bring a risk of sunburn if exposed for prolonged periods. Winds may gust up to 40mph on exposed summits during the late afternoon and evening.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Mon 21 Sep 2020	0mm	0mm	0mm

Forecast for Wednesday 23 Sep 2020

Weather: Mostly cloudy with rather persistent rain overnight and a strong southwesterly breeze. Rain easing during the morning with some bright or sunny spells developing by the afternoon, especially in the west and northerly winds easing. Likely dry through the evening with clear spells, although there is the small threat of a little rain in the east.

Maximum wind: Southwesterly 20-25mph, gusting 30-35mph.

Chance of cloud free mountain/hill tops above 600m: 30% overnight with occasional patches of cloud to around 500m. Becoming 100% during the morning and remaining so through the afternoon and evening.

Visibility: Tricky navigation overnight on hills with rather persistent and extensive cloud cover to around 500m. Rain will cause some nearby hills or features to become harder to determine from within valleys and lower lying areas. As rain clears through the morning, visibilities improving with excellent air clarity through the remainder of the day at all elevations.

Temperature: **Valleys:** Plus 13 degrees becoming Plus 9 degrees Celsius.
At 600m: Plus 9 degrees becoming Plus 4 degrees Celsius.
Freezing level: Above the summits throughout.

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